

GCCS/DII COE System Integration Support

DII COE Segment Abstract (for ORAC Oracle Version 1.1.0.1/7.3.2.3 for Solaris 2.5.1)

August 15, 1997

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Defense Information Infrastructure (DII)
Common Operating Environment (COE)

Segment Abstract Oracle Client (ORAC)
Applications Version 1.1.0.1/7.3.2.3
(Solaris 2.5.1)

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Table of Contents

Preface	ii
1. Segment Abstract for ORAC for Solaris	1
1.1 Purpose	1
1.1.1 Sample Application	1
1.1.2 Product Qualification	1
1.1.3 Implementation Issues	1
1.1.4 Product Constraints and Limitations	2
1.1.5 Dependencies	2
1.1.6 Legal Restrictions	2
1.1.7 Miscellaneous	2

Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instructions. For example, select connect to host .
<i>Italics</i>	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
“Quotation Marks”	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example “Data-Generation Report.”
Courier Font	Used to denote anything as it appears on the screen or command lines. For example <code>tar xvf dev/rmt/3mm</code> .
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

1. Segment Abstract for ORAC for Solaris

1.1 Purpose

Oracle is a commercial off-the-shelf (COTS) relational database management system (RDBMS) used to provide data management services within the Defense Information Infrastructure (DII) Common Operating Environment (COE) Infrastructure Services. It uses the Structured Query Language (SQL) as its command languages complemented with Oracle's procedural language, PL/SQL. It provides data storage and retrieval services, network connectivity, and database administrator support services.

The Oracle client (ORAC) segment provides the SQL*Net network software and the SQL*Plus interactive query tool for installation on client workstations.

1.1.1 Sample Application

Oracle is used by DII COE developers to provide data services to applications and users. Oracle server segments are installed on a DII COE Database Server. ORAC segments are installed on DII COE workstations. Databases created by developers are installed on the database server, and their data objects are managed by Oracle. Applications accessing Oracle are installed on workstations and use the ORAC segments to access the database server over the network using Oracle's SQL*Net product.

1.1.2 Product Qualification

Oracle has been available as a DII COE Infrastructure Service since the COE's inception. It is one of several COTS database management system (DBMS) products accepted for use within the DII COE to provide database management services.

1.1.3 Implementation Issues

ORAC Applications operate with the following configuration and memory requirements. These requirements apply to the default database provided in the DIIDB segment. Other database configurations will have different disk and memory requirements and will be identified in their respective segments.

Client Workstation:

VERSION: 1.1.0.1

CPU: Solaris

DISK: 200 MB

MEMORY: 0

1.1.4 Product Constraints and Limitations

None.

1.1.5 Dependencies

Solaris: 2.5.1

1.1.6 Legal Restrictions

The Oracle RDBMS is the property of Oracle Corporation. Installation and execution of this segment is authorized for properly licensed users only. This product is provided in segment form for use within the DII COE as a service to COE developers and users. Developers and users are responsible for making their own licensure arrangements with Oracle Corporation unless DISA or some other Government agency has expressly arranged licensure on their behalf.

1.1.7 Miscellaneous

Executive Agent: DISA

Service POC: Unsupported